

Electrical Circuit Troubleshooting EX1-2				MASIF Referee		Contestant		Total score deducted	
Station No : _____									
① Circuit operation						Ranking criteria			
Main cycle chart operation Check		Ref:		Result		Rank A 0 point	Rank B 6 points	Rank C 12 points	Rank D 18 points
● Circuit Operation Lamp no. 1				OK	NG	0 Defect	1 Defect	2 Defects	3 Defects or more
● Circuit Operation Lamp no. 2				OK	NG				
● Circuit Operation Lamp no. 3				OK	NG				
● Multi-Function Display no.1 (TL only)		SB 3		OK	NG				
● Multi-Function Display no.2 (TL only)		SB 4		OK	NG				
TM: When using application instruction, (18 points deduction)									
② Specification, instructions mismatching						Ranking criteria			
Is the target for normal circuit movement only		Ref:		Result		Rank A 0 point	Rank B 3 points	Rank C 6 points	Rank D 9 points
● Circuit Operation Lamp no. 1				OK	NG	Based on condition	1 circuit	2 circuits	3 circuits
● Circuit Operation Lamp no. 2				OK	NG				
● Circuit Operation Lamp no. 3				OK	NG				
③ Writing defect Including existing circuit damage (TM/TL)						Ranking criteria			
Check Original at Programing PLC		Ref:		Result used		Rank A 0 point	Rank B 3 points		
Ladder Program no.1		Lamp Check		OK	NG	Normal	Program Damage		
Ladder Program no.2				OK	NG				
Ladder Program no.3		Out put		OK	NG				
④ Cheating with PC Deduct (None Cheated)						Ranking criteria			
PC Win version 17 up and use PC10 Mode				Result used		Rank A 0 point			Rank D 18 points
Contestant must prepare their own computers. While coming in to the room AP11 (7:30 - 8:00)				OK	NG				